

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 8854 (1978): Retractor, Czerny's Pattern [MHD 1:
Surgical Instruments]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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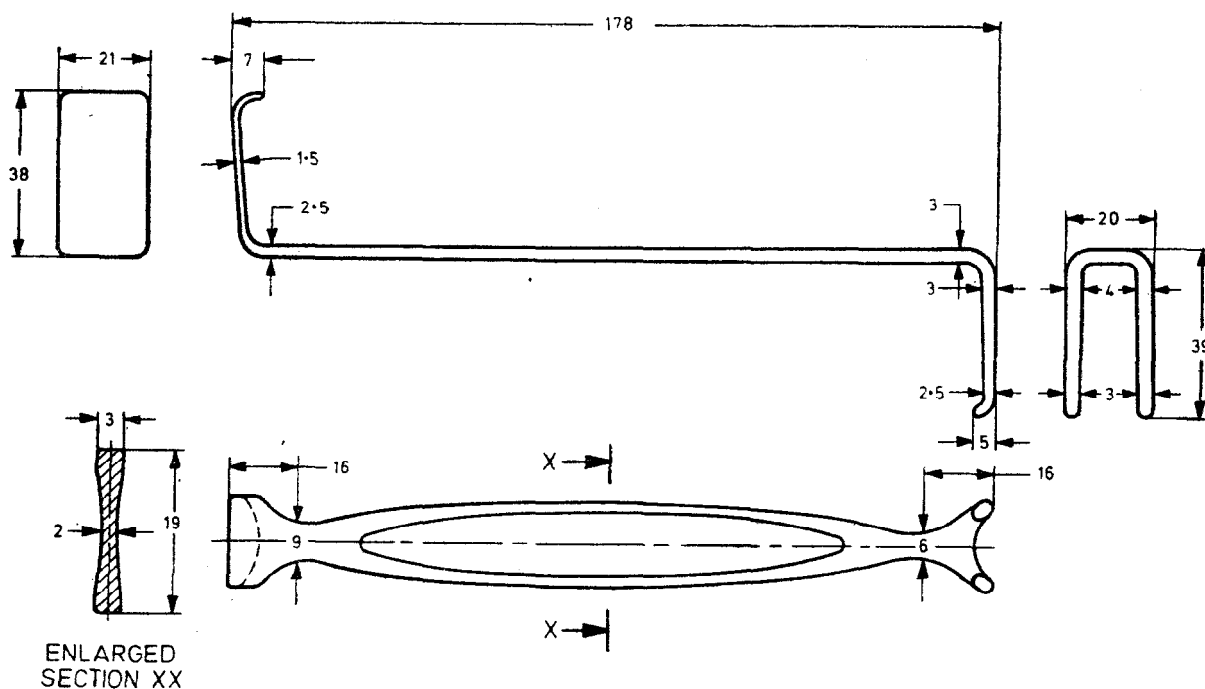
Indian Standard



SPECIFICATION FOR RETRACTOR, CZERNY'S PATTERN

1. Scope — Dimensional and other requirements for Czerny's pattern retractor used in general surgery.

2. Shape and Dimensions — As shown in Fig. 1.



All dimensions in millimetres.

FIG. 1 RETRACTOR, CZERNY'S PATTERN

2.1 A deviation of ± 2.5 percent shall be allowed on all dimensions.

3. Material — Stainless steel conforming to Designation 20Cr13 or 30Cr13 of IS : 6603-1972 'Specification for stainless steel bars and flats'.

4. Workmanship and Finish

4.1 The retractor shall be free from burrs, pits, cracks and other surface defects.

4.2 The edges of the blade shall be properly rounded and the retractor shall be free from sharp edges.

4.3 The retractor shall be polished bright and passivated.

5. Heat Treatment — The retractor shall be hardened and tempered to give a hardness of 380 to 430 HV.

6. Tests

6.1 Flexibility Test — Hold the retractor in a suitable vice at the middle so that one end protrudes outside the vice in the downward direction. Apply a force of 250 N at the retracting end and hold it for 5 minutes.

6.1.1 After the test, there shall be no damage to the retractor or take a permanent set. Repeat the test on the other end on both the prongs.

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IS : 8854 - 1978

6.2 Corrosion Resistance Test — Test the retractor in accordance with IS : 7531-1975 'Method for boiling and autoclaving test for corrosion resistance of stainless steel surgical instruments'. It shall show no sign of corrosion after the test.

7. Marking — The retractor shall be legibly and indelibly marked with the manufacturer's name, initials or recognized trade-mark and the words 'Stainless Steel'. The marking shall preferably be done by electrical etching and not by stamping.

7.1 ISI Certification Marking — Details available with the Indian Standards Institution.

8. Packing — As agreed to between the purchaser and the supplier.